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21 August, 1959

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MEMO TO: [REDACTED]

SUBJECT: Contract Inspection at [REDACTED]

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1. On 17 and 18 August, 1959 the undersigned visited the [REDACTED] to inspect the engineering drawings for the HTA/1 continuous film and paper processor under contract with this firm. Approximately 80% of the drawings were approved for plant manufacture which included all of the major items.

2. This processor will incorporate many advanced design features which will make it possible to process both thin base and regular base film as well as non-water proofed paper in roll form in widths from 70 m.m. to 9 1/2 ". The processor has been given first priority in the plant at [REDACTED] and several design improvements have been made to the original contract by the Project Engineer, [REDACTED] at no additional expense to the Government.

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3. The contract is proceeding slightly ahead of original schedule. The Contractor will notify this agency when he is ready for preliminary assembly of the processor in order that personnel of this agency can be made familiar with the construction and maintenance procedures of the equipment.

4. On 19 August, 1959 the undersigned visited the [REDACTED] [REDACTED] also in the [REDACTED] area, for the purpose of inspecting the contract with that company for the Electronic Rectifier. This equipment is in the "bread board" stage for preliminary operational check.

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5. This method of rectification is a major advance in "the state of the art" in this field. All of the severe limitations of optical rectification are eliminated in the electronic approach. The present system is producing 20-30 lines /m.m. and the banding effect in the visual print out has been reduced to a point that it probably would not be objectionable to the photo interpreter. The [REDACTED] system will be able to utilize any improvement in C.R.T. design now in development stage by several of the leading firms in this field.

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